

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

690 Walnut Ave.St. 150

Vallejo, CA 94592-1133

(707) 649-5453

(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-004832**Date Inspected:** 30-Nov-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** N/A**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Floor Beams**Summary of Items Observed:**

Bay 7: OBG - Floor Beam Sub Assembly

This QA performed 10% Magnetic Particle Testing(MT) of fillet welds on stiffener and flange to web plate of the following floor beams for green tagging;

- a)FB010-013A/B – deemed acceptable
- b)FB012-015A/B - deemed acceptable
- c)FB015-019A/B - deemed acceptable
- d)FB015-021A/B - deemed acceptable
- e)FB010-014A/B - deemed acceptable
- f)FB015-017A/B - deemed acceptable
- g)FB010-010A/B – fillet welds MT were acceptable except CJP weld #143 wherein there is pending UT repair.

h)FB028-003A – this side deemed acceptable

**Summary of Conversations:**

No significant conversation occurred today.

**Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Joshua Ishibashi, (858) 232-7081, who represents the Office of Structural Materials for your project.

---

## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

---

**Inspected By:** Lizardo, Joselito

Quality Assurance Inspector

---

**Reviewed By:** Cuellar, Robert

QA Reviewer